FIG. 1A

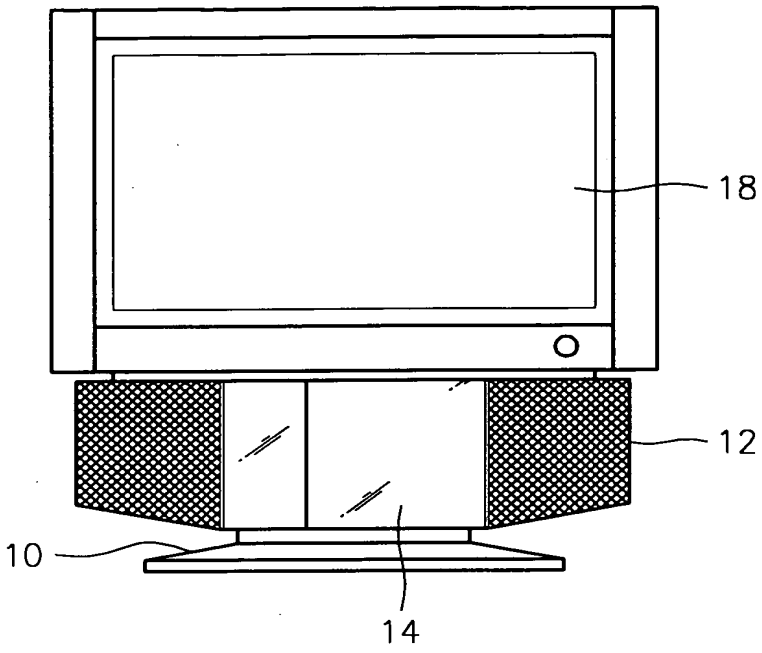


FIG. 1B

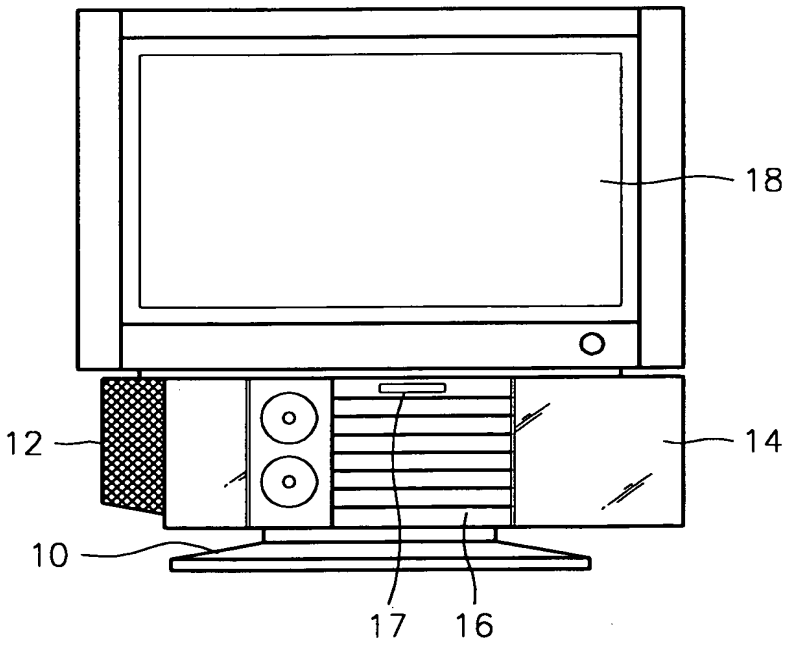
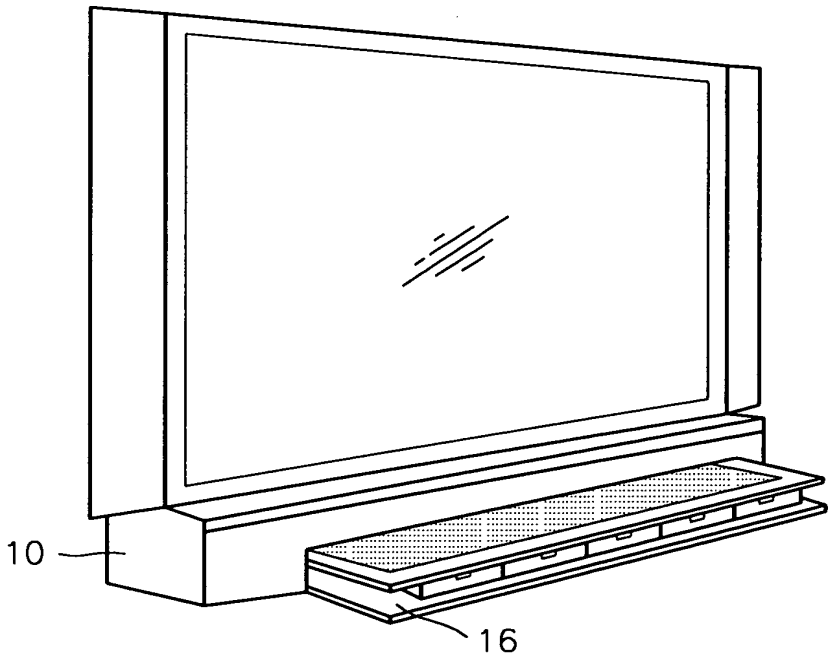


FIG. 1C



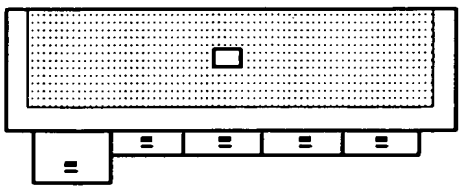


FIG. 1D

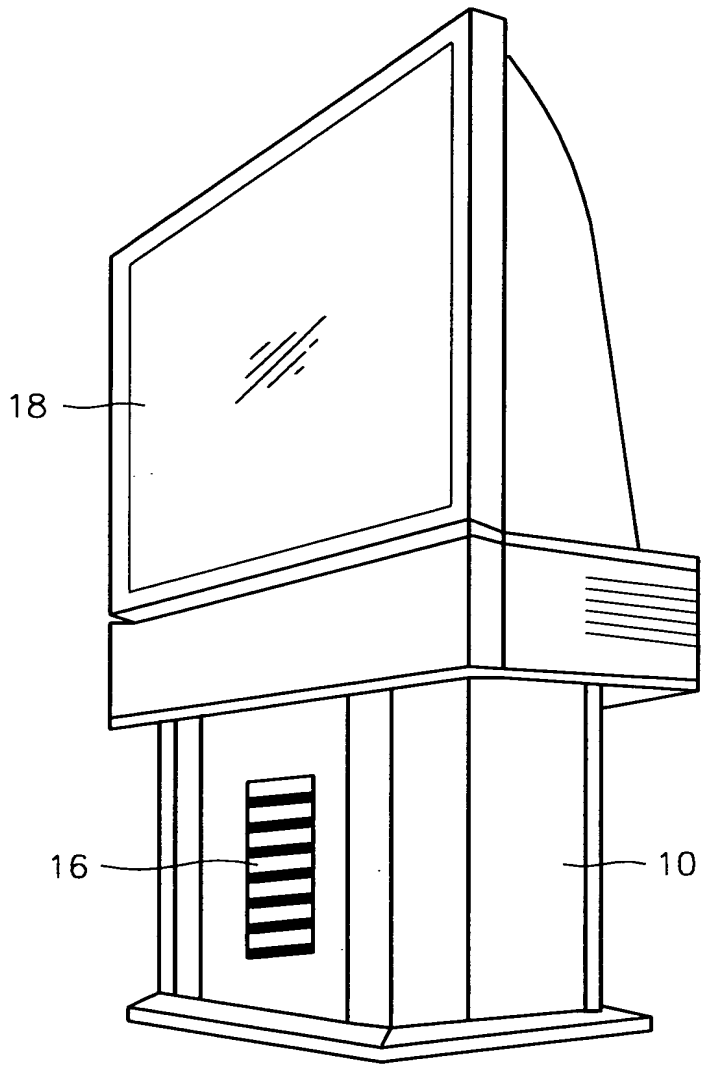


FIG. 2

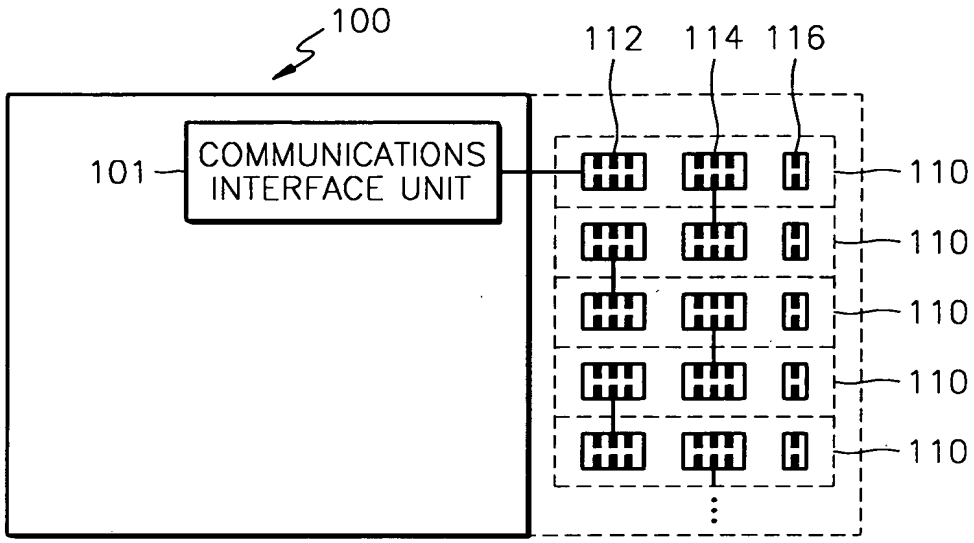

100
112
114
116
101
COMMUNICATIONS INTERFACE UNIT
110
110
110
110
110

FIG. 3

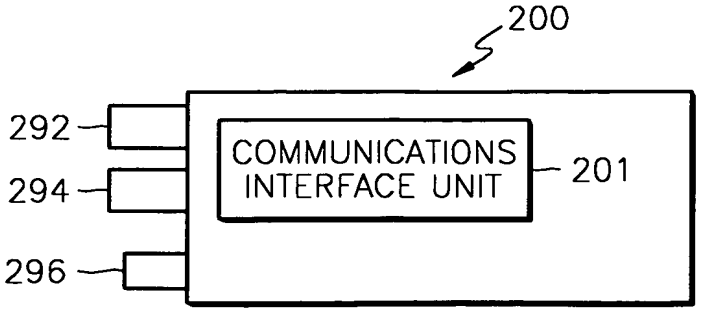

200
292
294
296
COMMUNICATIONS INTERFACE UNIT
201

FIG. 4A

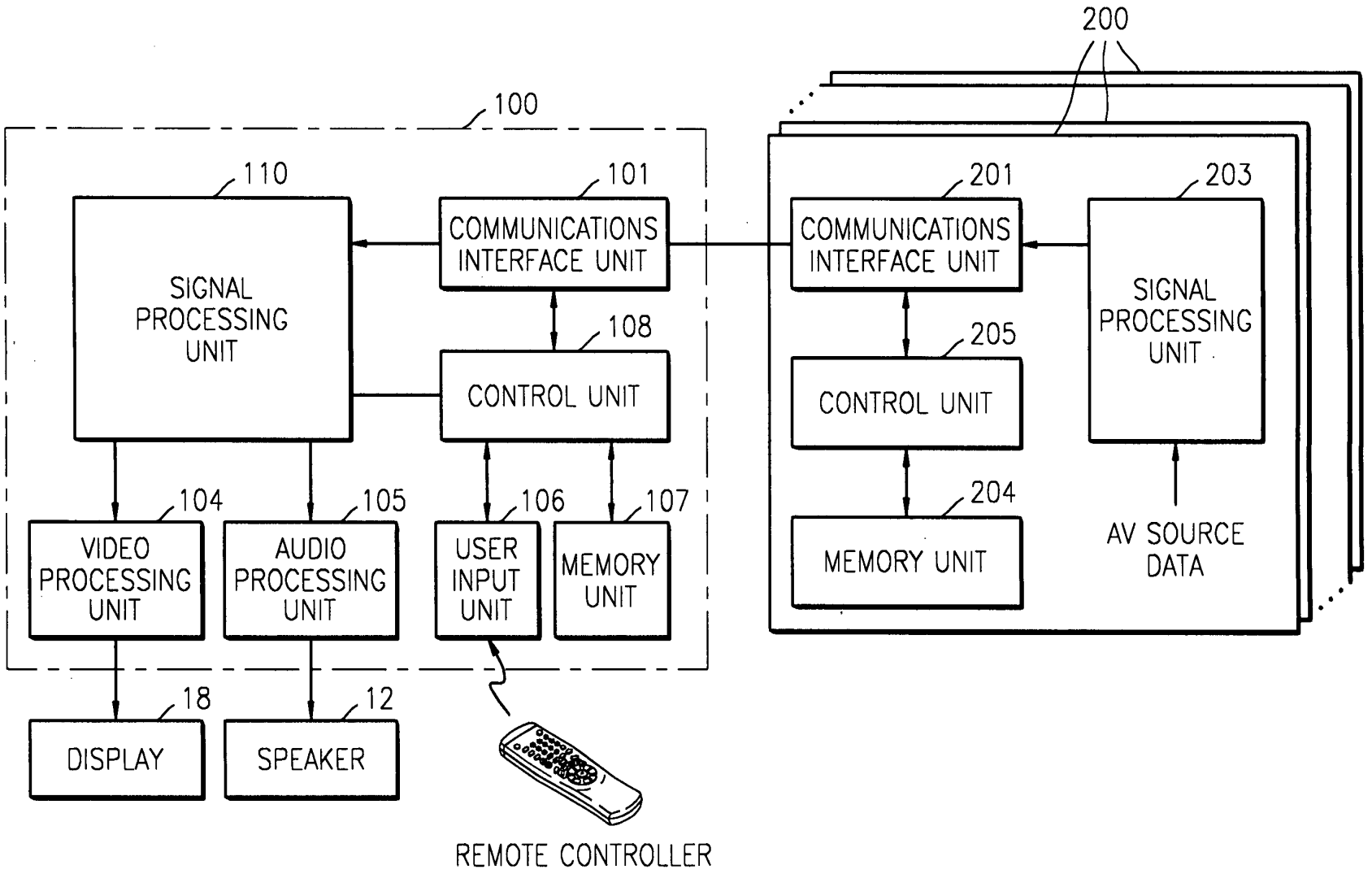


FIG. 4B

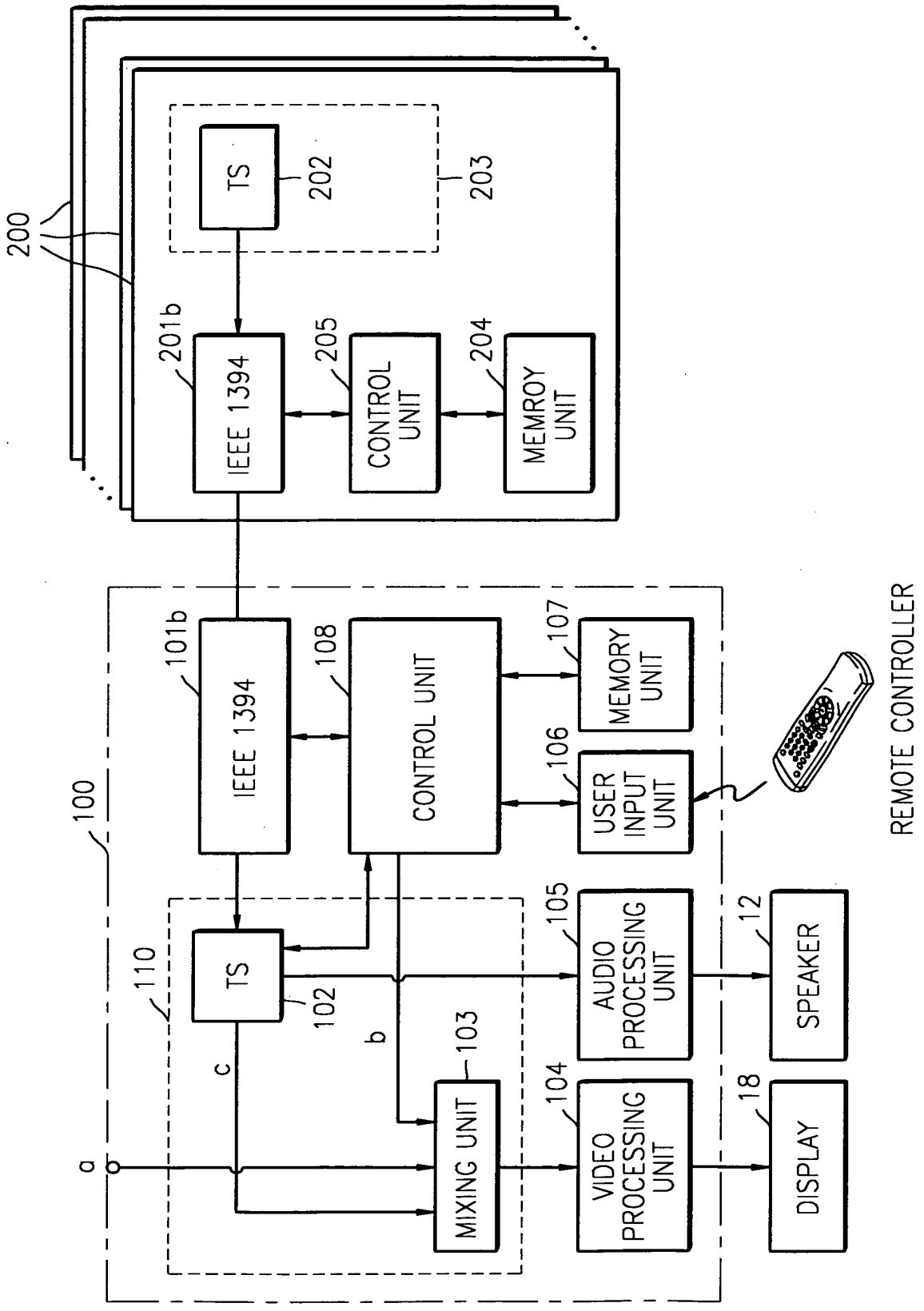

200
TS
202
203
201b
IEEE 1394
205
CONTROL UNIT
204
MEMROY UNIT
100
101b
IEEE 1394
108
CONTROL UNIT
107
MEMORY UNIT
106
USER INPUT UNIT
REMOTE CONTROLLER
110
TS
102
105
AUDIO PROCESSING UNIT
12
SPEAKER
a
b
c
103
MIXING UNIT
104
VIDEO PROCESSING UNIT
18
DISPLAY

FIG. 5A

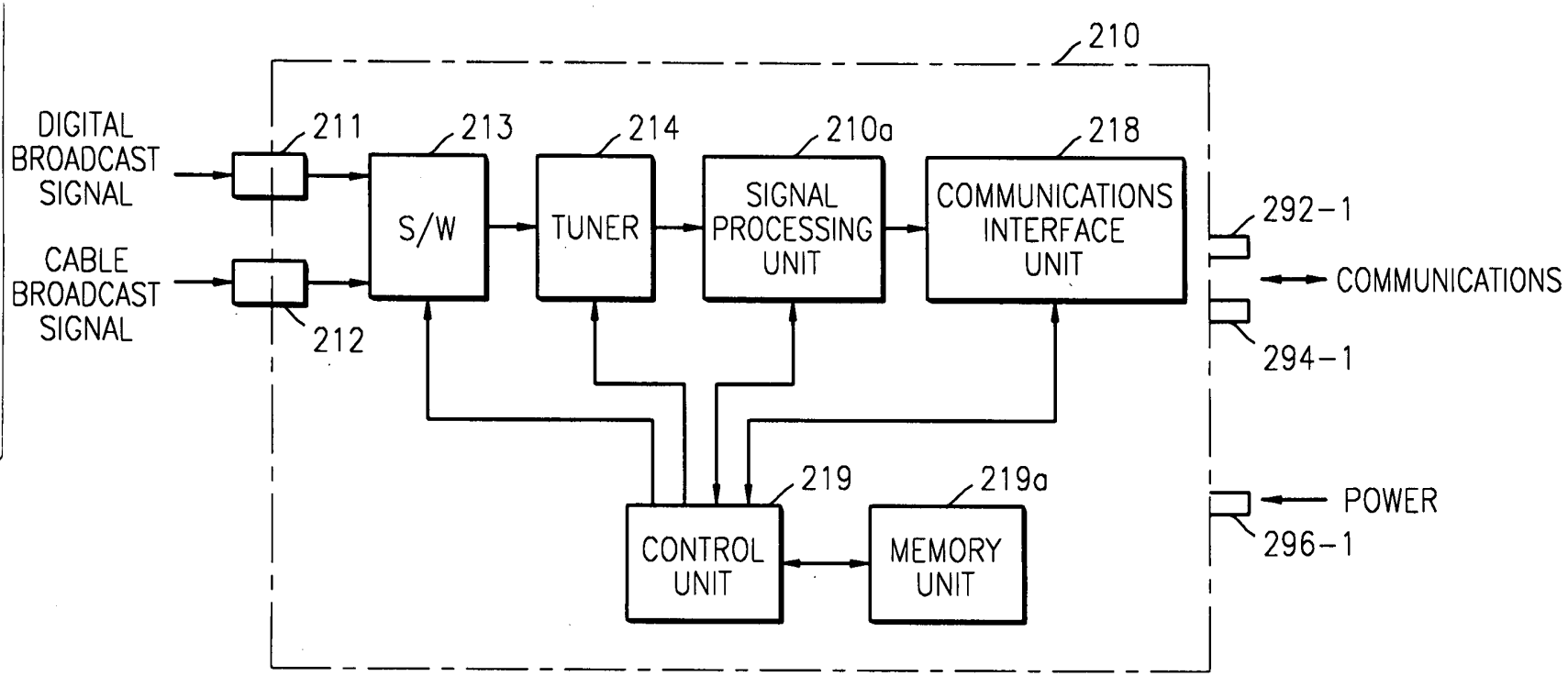


FIG. 5B

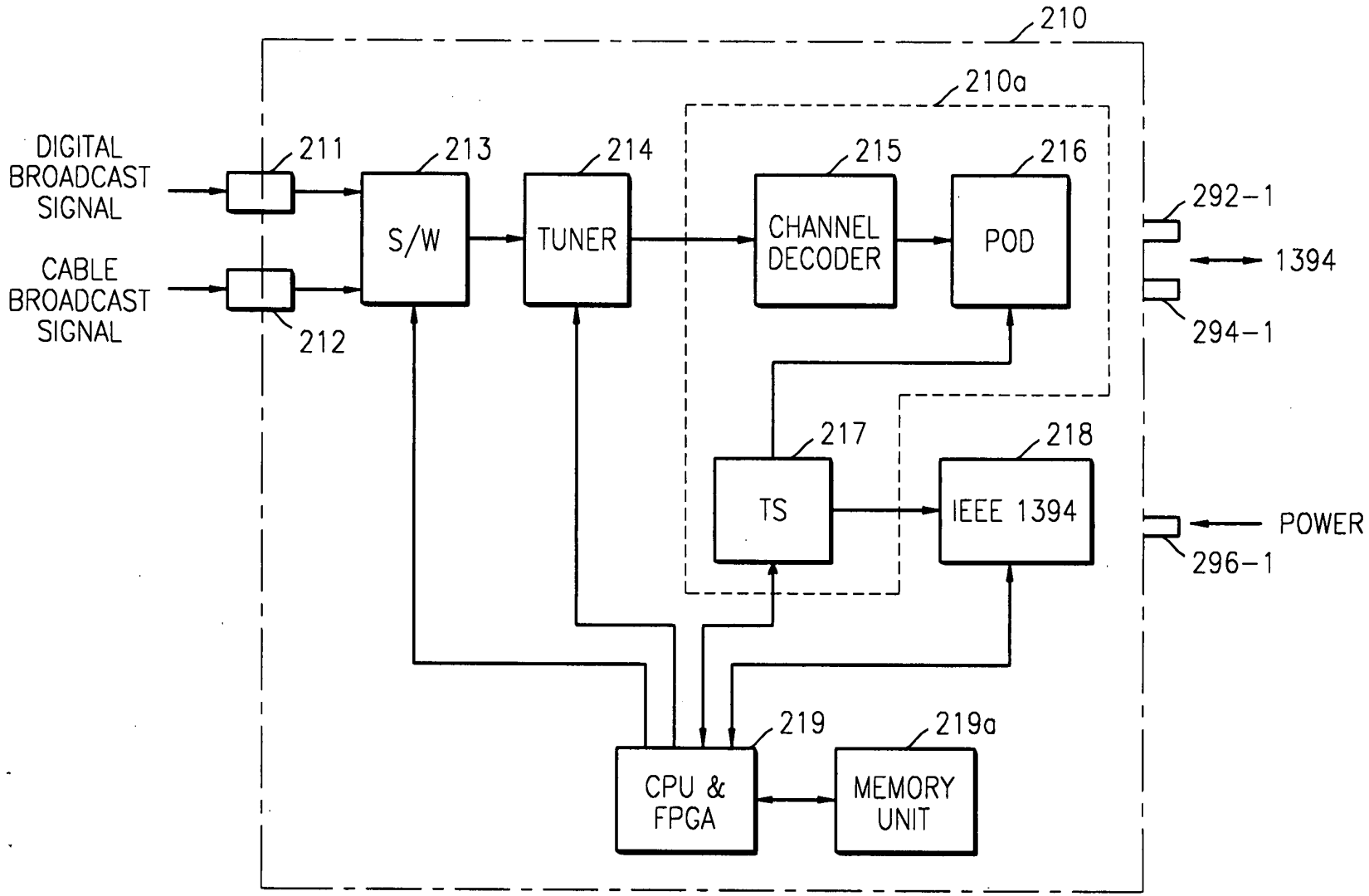


FIG. 6A

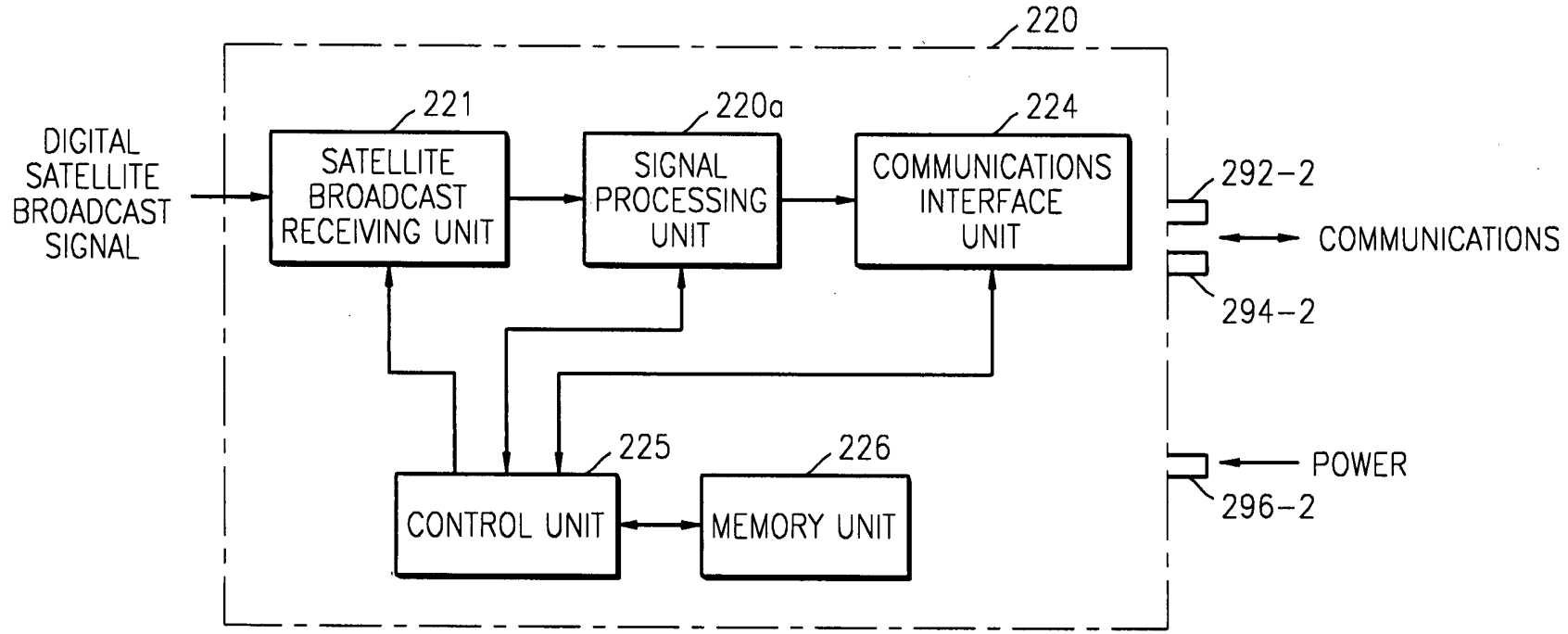


FIG. 6B

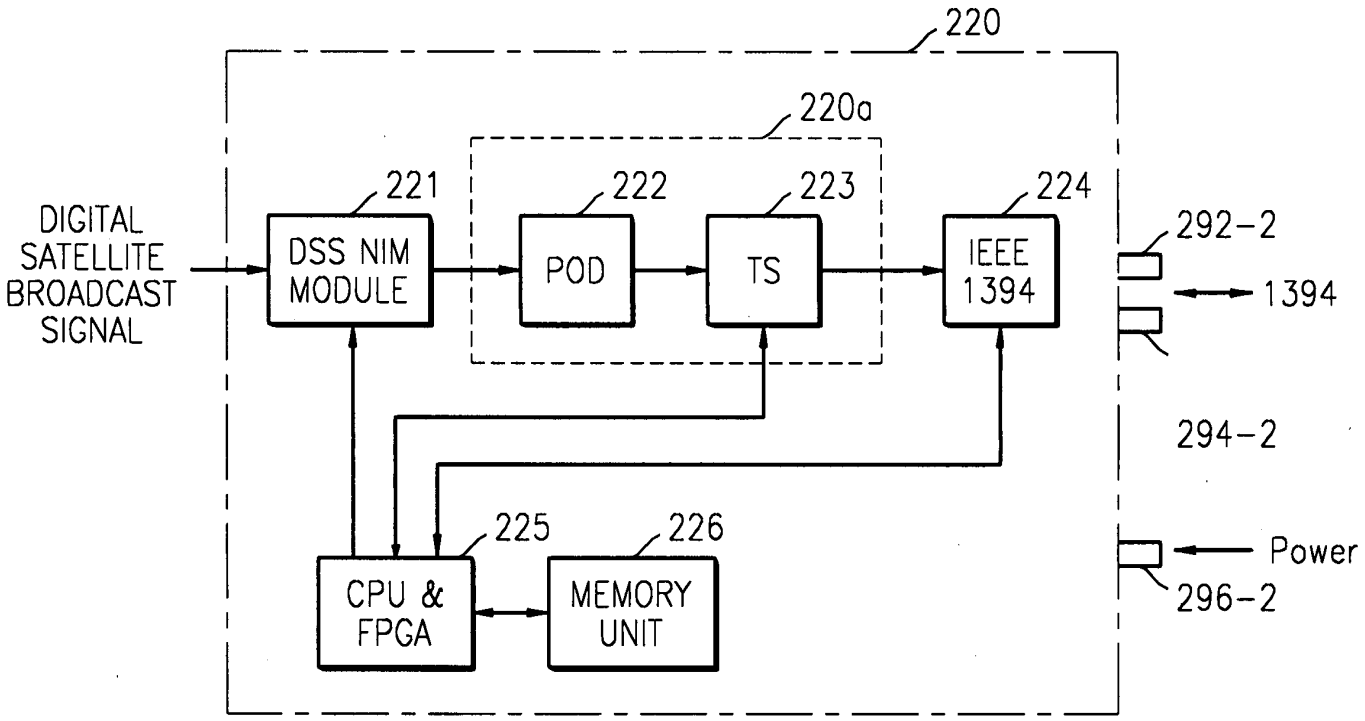


FIG. 7

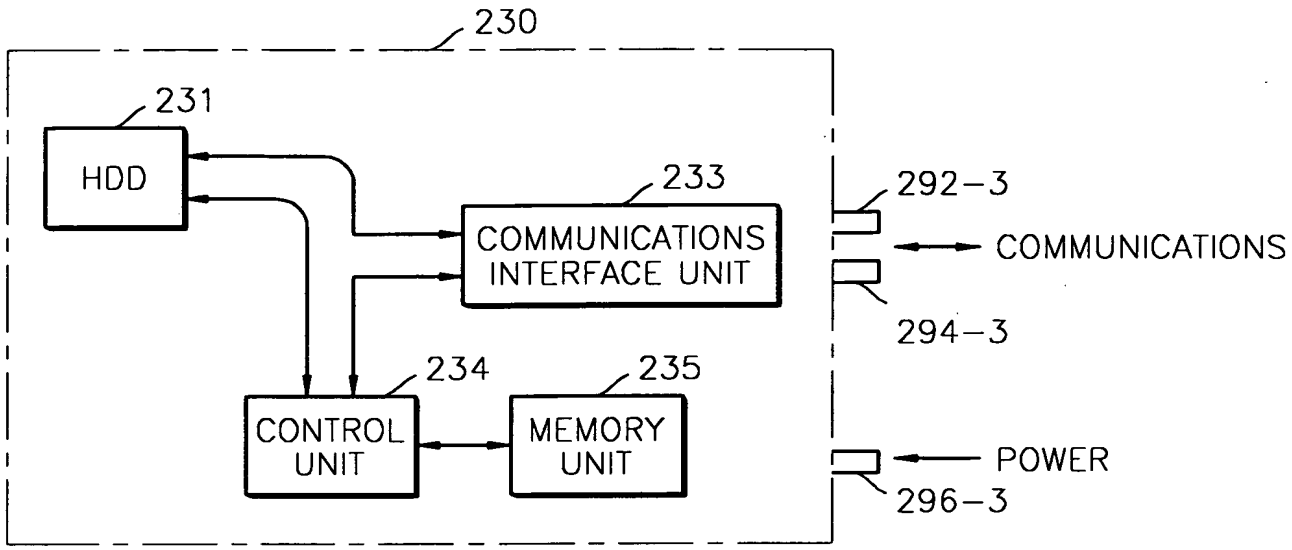

230
231
HDD
233
COMMUNICATIONS INTERFACE UNIT
292-3
COMMUNICATIONS
294-3
234
235
CONTROL UNIT
MEMORY UNIT
POWER
296-3

FIG. 8

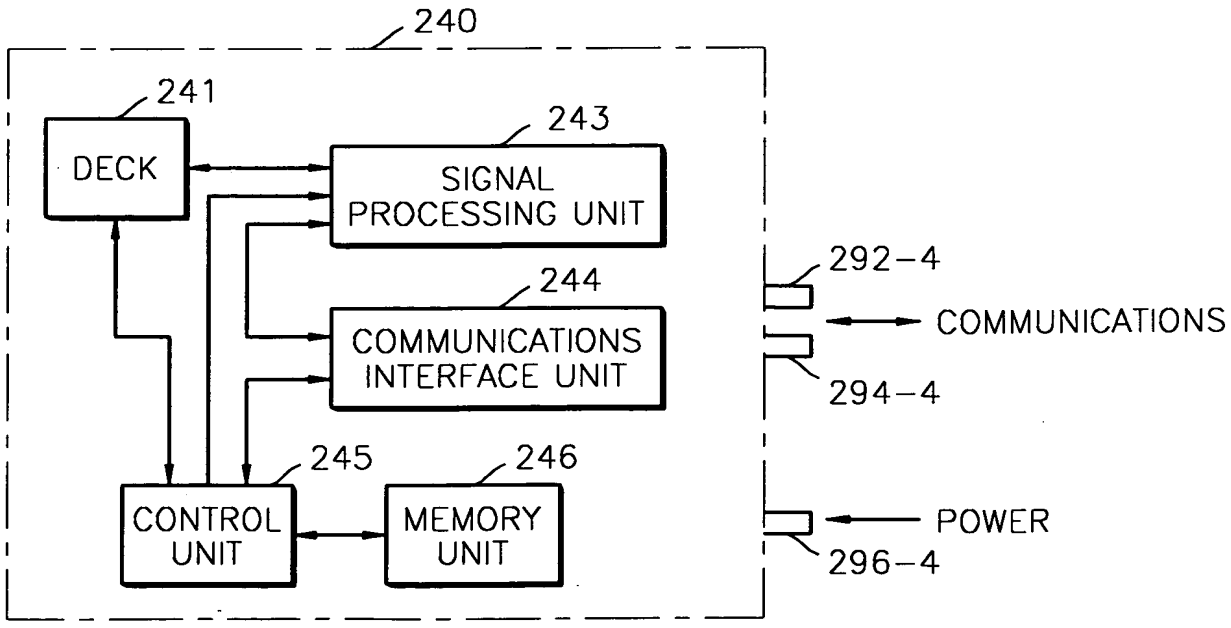

240
241
DECK
243
SIGNAL PROCESSING UNIT
244
COMMUNICATIONS INTERFACE UNIT
292-4
COMMUNICATIONS
294-4
245
246
CONTROL UNIT
MEMORY UNIT
POWER
296-4

FIG. 9

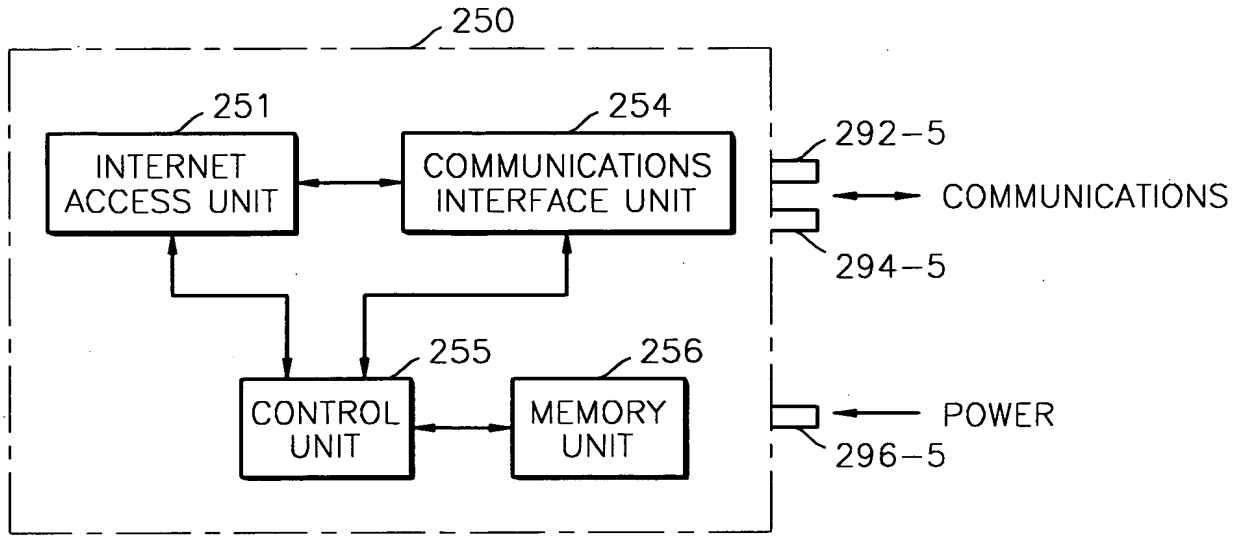

250
251
INTERNET ACCESS UNIT
254
COMMUNICATIONS INTERFACE UNIT
292-5
COMMUNICATIONS
294-5
255
CONTROL UNIT
256
MEMORY UNIT
POWER
296-5

FIG. 10

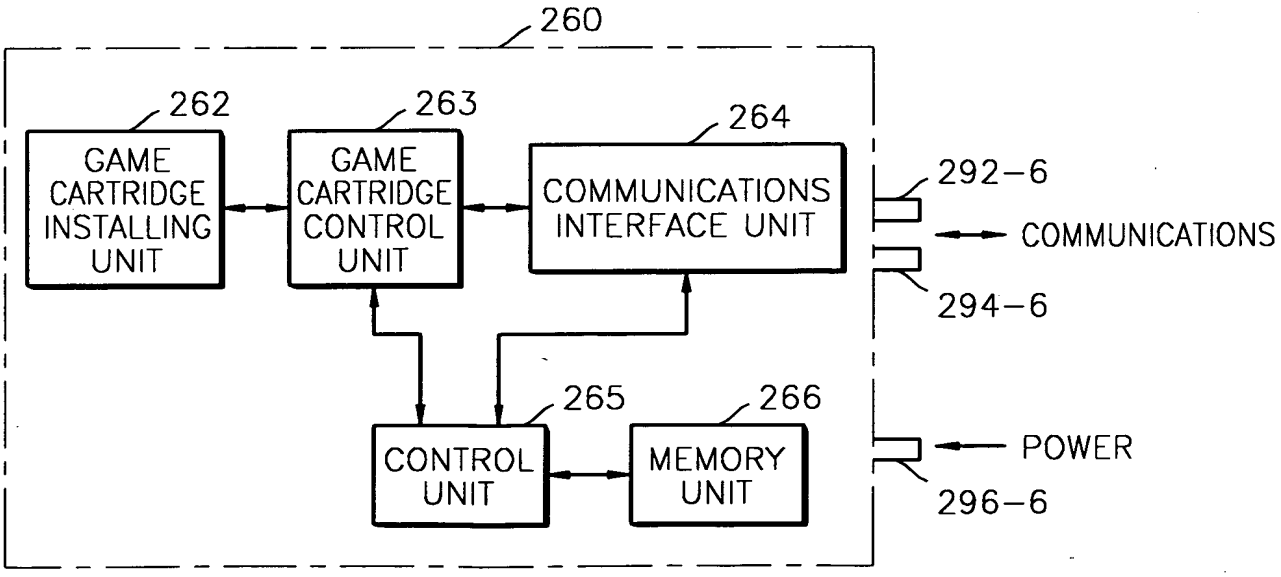

260
262
GAME CARTRIDGE INSTALLING UNIT
263
GAME CARTRIDGE CONTROL UNIT
264
COMMUNICATIONS INTERFACE UNIT
292-6
COMMUNICATIONS
294-6
265
CONTROL UNIT
266
MEMORY UNIT
POWER
296-6

FIG. 11

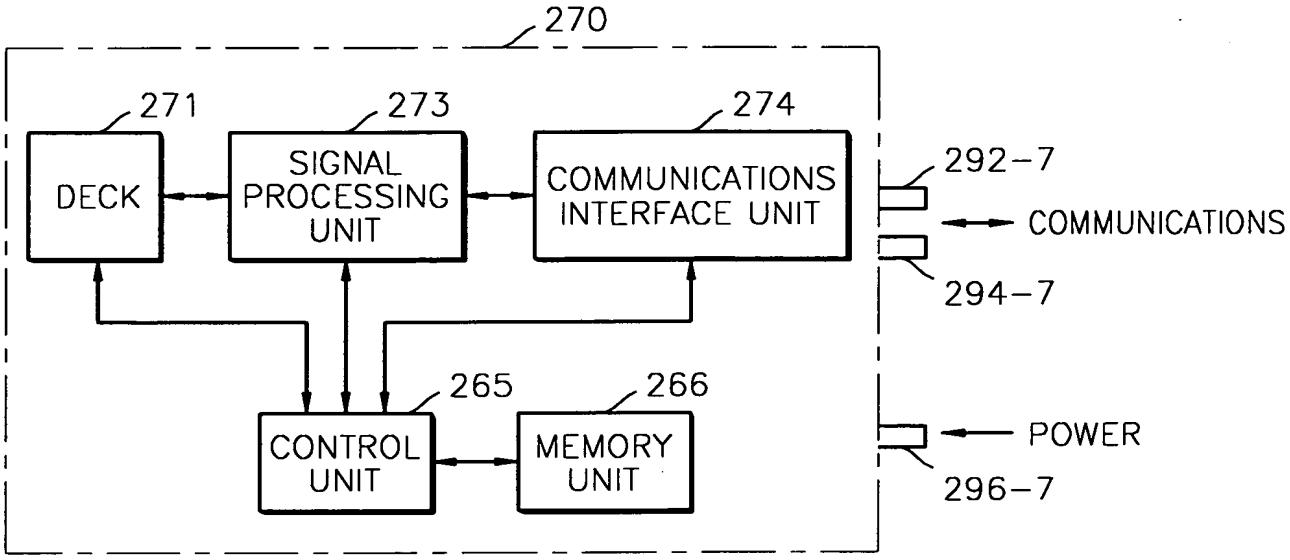

270
271
273
274
DECK
SIGNAL PROCESSING UNIT
COMMUNICATIONS INTERFACE UNIT
292-7
COMMUNICATIONS
294-7
265
266
CONTROL UNIT
MEMORY UNIT
POWER
296-7

FIG. 12

<table>
<tr><th></th><th>OSI
REF MODEL</th><th>TCP/IP</th><th>USER–
CONTROL</th><th>VESA–
HNC</th><th>N/W
CONF</th><th>INTER–DEVICE
CONTROL</th><th>A/V DATA
FLOW</th><th>NETWORK
INTERFACE</th></tr>
<tr><td>7</td><td>APPLICATION</td><td rowspan="2">APPLICATION</td><td>GUI</td><td></td><td>NET.INFO</td><td>CMD CODE</td><td>AUDIO,
VIDEO, DATA</td><td>GATEWAY</td></tr>
<tr><td>6</td><td>PRESENTATION</td><td rowspan="2">HTTP</td><td rowspan="3">VESA–HN
CONTROL
PROTOCOL
(RESERVED)</td><td rowspan="2">DHCP</td><td rowspan="2">IEC61883
FCP</td><td rowspan="3">TRANSPORT
STREAM COPY
PROTECTION
IEC61883–
CMP</td><td rowspan="3"></td></tr>
<tr><td>5</td><td>SESSION</td></tr>
<tr><td>4</td><td>TRANSPORT</td><td>TRANSPORT</td><td>TCP</td><td>UDP</td><td></td></tr>
<tr><td>3</td><td>NETWORK</td><td>INTERNET</td><td colspan="4">IP AND ARP</td><td>ROUTER</td></tr>
<tr><td>2</td><td>DATA LINK</td><td rowspan="2">NETWORK
INTERFACE</td><td colspan="4" rowspan="2">IEEE 1394(ASYNCH),
GENERAL NETWORK</td><td rowspan="2">IEEE 1394
(ISOCH)</td><td>BRIDGE</td></tr>
<tr><td>1</td><td>PHYSICAL</td><td>REPEATER</td></tr>
</table>

FIG. 13

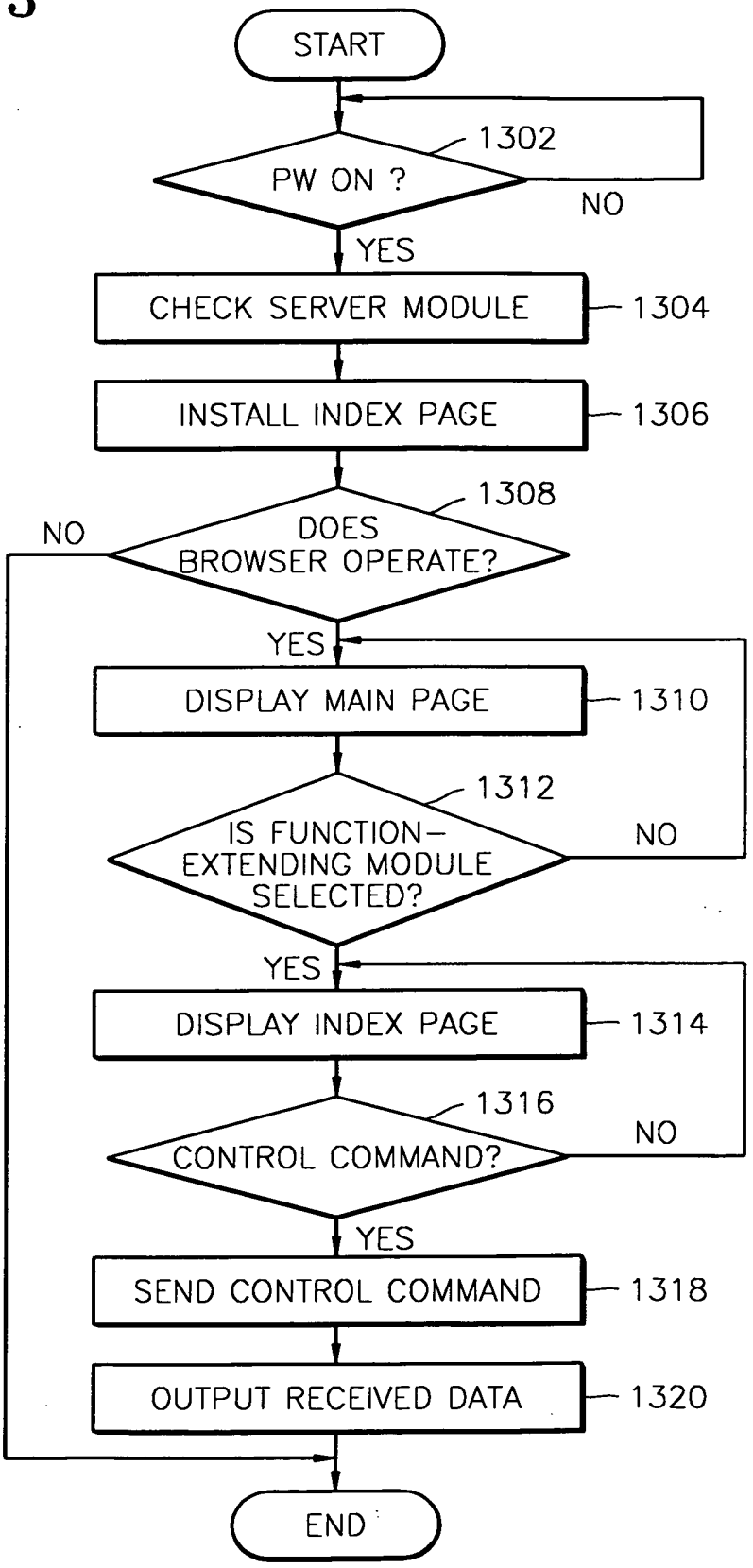

START
1302
PW ON ?
NO
YES
CHECK SERVER MODULE
1304
INSTALL INDEX PAGE
1306
1308
DOES BROWSER OPERATE?
NO
YES
DISPLAY MAIN PAGE
1310
1312
IS FUNCTION-EXTENDING MODULE SELECTED?
NO
YES
DISPLAY INDEX PAGE
1314
1316
CONTROL COMMAND?
NO
YES
SEND CONTROL COMMAND
1318
OUTPUT RECEIVED DATA
1320
END

FIG. 14